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EXAMINER

VU, THANH T

ART UNIT PAPER NUMBER

2174

DATE MAILED: 06/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

This communication is responsive to Amendment, filed 03/24/2006.

Claims 1-30 are pending in this application. In the Amendment, claims 1, 3, 6, 13, 15, 18 were amended. Claims 25-30 were added. This rejection is made Final.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rosin (US 6,411,307) and Rosin et al. (Pub. No. 2001/0012024) and Maeckel et al. ("Maeckel", U.S. Pat. No. 6,518,984).

As per claim 1, Rosin '307 teaches a method for displaying at least one of a video or audio information of an Internet site on the screen of a video apparatus, comprising: generating an Internet site search menu when an internet channel guide key is signaled by the user (col. 4, lines 38-44), said search menu including a channel guide window for arranging channel numbers, corresponding to previously registered addresses of Internet sites and titles of the internet sites (Figs. 5 and 7, *guide page*, col.2, lines 52-67; col.7, lines 9-17, *preselected and precategorized web pages of interest*). Rosin '307 does not specifically teach displaying the Internet site search menu on the screen of the video apparatus wherein a channel number has a

Art Unit: 2174

one to one correspondence to a title of an Internet site, and the one-to-one correspondence remains fixed until user modification, and a channel number range designation window for arranging the channel numbers wherein the channel number range designation window includes a plurality of groups of channel numbers, each group having a prescribed range of channel numbers, which is different for each group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of the group selected by the user. However, Rosin's publication teaches titles of the Internet sites respectively corresponding in a one-to-one correspondence to the channel numbers, and displaying the Internet site search menu on the screen of the video apparatus wherein the one-to-one correspondence remains fixed until user modification (figs. 1, 3 and 4; [0033]; [0036]; [0040]), and a channel number range designation window for arranging the channel numbers (figs. 1 and 3). Maeckel teaches the channel number range designation window includes a plurality of groups of channel numbers, each group having a prescribed range of channel numbers, which is different for each group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of the group selected by the user (figs. 3 and 9B; col. 7, lines 32-47). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include additional information corresponding to a channel as taught by Rosin's Publication and a range designation window as taught by Maeckel in the invention of Rosin '307 in order to provide a user with guide for enabling the user to navigate among a plurality of internet websites of interest to the user, to obtain access to a selected one of the plurality of internet websites, and to customize the guide to further enable access to relevant internet websites, in a convenient and efficient manner, and in order to provide a range control that allows easy selection of a record range to be viewed.

As per claim 2, Rosin teaches displaying an initial screen of the recently stored Internet site on the screen of the video apparatus when the user selects an Internet mode (Fig.8, col.9, lines 36-48, *internet web pages presented as distinct channels; col.2, lines 52-60, internet content channel is selected and displayed*).

As per claim 3, Rosin teaches wherein the initial screen of the Internet site is periodically updated and stored by obtaining the content information from the internet site(col.7, lines 23-29, *guide page periodically updated*).

As per claim 4, Rosin teaches wherein the Internet site search menu further comprises a channel update selection window for periodically updating the video and audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers (col.7, lines 18-29, *templates, guide page may be modified, adapted, updated*).

As per claim 5, Rosin teaches wherein the video apparatus is a television, in which an armored set-top box or an Internet module is loaded (Fig.1, col.4, lines 19-23, *set-top box 12 which is connected to or integrated within a television appliance*).

As per claim 6, Rosin teaches wherein the group selected by the user among plurality of groups is displayed to be different from the groups that are not selected by the user in color and brightness and to have a three-dimensional outline (Figs. 5 & 6, col.7, line 46-col.8, line 4, *predetermined links are highlighted; Fig.8, col.9, lines 49-60, rotary wheel menu 80 appear to occupy three dimensional space*) .

As per claims 7-8, Rosin teaches wherein the Internet site search menu further comprises a goto window including goto keys for moving to the addresses of the Internet sites

Art Unit: 2174

corresponding to the channel numbers (Fig.6, *GOTO URL*) and displaying the channel number corresponding to the goto key selected by the user among the goto keys in the form of an on screen display (OSD) (col.8, lines 27-34, *page or document at the URL is displayed*).

As per claims 9-10, Rosin teaches wherein the Internet site search menu further comprises a modification window (col.7, lines 18-28, *templates, the guide page may be modified, adapted, and updated*). Rosin does not specifically disclose a registration and deletion window including a registration key for registering the Internet site desired by the user by a channel number, and a deletion key for deleting the Internet site. Official Notice is given that the use of a registration and deletion key is well known in the art. It would have been obvious to an artisan at the time of the invention to combine the use of these keys to allow users to modify and update their selection choices.

As per claim 11, the modified Rosin teaches the method of displaying video and audio information of an Internet site on the screen of a video apparatus and modification and updating of such information (col.7, lines 18-28, *templates, the guide page may be modified, adapted, and updated*). The modified Rosin does not specifically teach wherein a deletion warning message is displayed on the screen of the video apparatus and the corresponding Internet channel is deleted when the user clicks a deletion key in the registration/modification/deletion window. Official Notice is given that the use of deletion warning message is notoriously well known in the art. It would have been obvious to an artisan at the time of the invention to combine the use of deletion warning messages in order to alert the user prior to finalizing their selection choices.

As per claim 12, Rosin's publication teaches the method of claim 9, further comprising: the user respectively assigning channel numbers to one or more Internet sites and registering the channel numbers through the registration/modification/deletion window; and storing the addresses of the internet sites corresponding to the registered channel numbers (figs. 1-3; [0036]).

Claims 13-20 are similar in scope to claims 1-8 respectively and therefore are rejected under similar rationale.

Claims 21-24 are similar in scope to claims 9-12 respectively and therefore are rejected under similar rationale.

As per claim 25, Rosin's Publication teaches the method of claim 1, wherein the channel numbers of the channel guide window are arranged in column, and the channel numbers are increased for top to bottom of the search menu (fig. 1 channel numbers 1-8).

As per claim 26, Rosin teaches the method of claim 7, wherein each goto key of the goto window is associated with the internet site corresponding to the channel number (figs. 1 and 3; [0033]; web channel key 22).

Claim 27 is rejected under the same rationale as claim 25.

Claim 28 is rejected under the same rationale as claim 25.

Claim 29 is rejected under the same rationale as claim 26.

Claim 30 is rejected under the same rationale as claim 25.

Response to Arguments

Applicant's arguments with respect to the amendment have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquiries

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh T. Vu whose telephone number is (571) 272-4073. The examiner can normally be reached on Mon-Thur and every other Fri 8:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2174

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